

Price Forecasting and Analysis of Bitcoin

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Abstract: *Bitcoin, the king of cryptocurrencies, is central to blockchain technology. A fixed amount of bitcoins is required for each transaction stored in the blockchain. The price of bitcoins fluctuates wildly and is unaffected by any company or marketing techniques, creating both curiosity and terror in the minds of traders. It is possible for consumers to study and invest in bitcoin by anticipating the bitcoin price, which promotes the use of digital money. As a result, a high-prediction-rate prediction model is required. The goal of this project is to employ a variety of machine learning models to predict the price of bitcoin. The best model for predicting bitcoin value is given based on the error percentage of these machine learning algorithms.*

Keywords: Bitcoin, Blockchain Technology, Grid Search, Cryptocurrency

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